

DERWENT-ACC-NO: 1982-64806E  
DERWENT-WEEK: 198231  
COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Fibre reinforced phenol! resin cured prod. mfr. - by  
impregnating fibre  
reinforcer with compsn. contg. resol liq. phenol! resin, curing  
agent, filler,  
release agent and colourant, and curing

PATENT-ASSIGNEE: DAINIPPON INK & CHEM KK[DNIN]

PRIORITY-DATA: 1980JP-0178938 (December 19, 1980)

PATENT-FAMILY:

| PUB-NO        | PUB-DATE           | LANGUAGE |     |
|---------------|--------------------|----------|-----|
| PAGES         | MAIN-IPC           |          |     |
| JP 57102929 A | June 26, 1982      | N/A      | 008 |
| N/A           |                    |          |     |
| JP 88046099 B | September 13, 1988 | N/A      | 000 |
| N/A           |                    |          |     |

APPLICATION-DATA:

| PUB-NO            | APPL-DESCRIPTOR | APPL-NO        |
|-------------------|-----------------|----------------|
| APPL-DATE         |                 |                |
| JP57102929A       | N/A             | 1980JP-0178938 |
| December 19, 1980 |                 |                |

INT-CL\_(IPC): C08G008/04; C08J005/24 ; C08L061/06

ABSTRACTED-PUB-NO: JP57102929A

BASIC-ABSTRACT: Process comprises (i) impregnating fibre  
reinforcer with a  
compsn. comprising (A) resol type liq. phenol resin; (B) curing  
agent  
consisting of 90-25 wt.% as solids, of sulphonated phenol resin  
with  
sulphonation deg. (no. of sulphone gp.no. of total phenol  
nucleus x 100)  
10-100 and 10-75 wt.% phosphoric acid with conc. of phosphoric  
acid as 100%,  
and opt. (C) filler, release agent, colourant, and (ii) settling  
it at normal  
or medium temp. to cure phenol resin (A).

Pref. (A) is obtd. by reacting phenols e.g. phenol, resorcinol,  
xylenol,  
hydroquinone, bisphenol A, etc., with aldehydes, e.g. formaldehyd  
e, in the

presence of alkaline catalyst.

the obt'd. fibre reinforced phenol resin cured prod. with good mechanical strength, heat and flame resistance, is used e.g. for ducts, ceilings, walls, interior walls, etc..

TITLE-TERMS:

FIBRE REINFORCED POLYPHENOL RESIN CURE PRODUCT MANUFACTURE  
IMPREGNATE FIBRE  
REINFORCED COMPOSITION CONTAIN RESOL LIQUID POLYPHENOL RESIN CURE  
AGENT FILL  
RELEASE AGENT COLOUR CURE

DERWENT-CLASS: A21 A93

CPI-CODES: A05-C01A; A08-D; A08-D02; A10-E12; A11-B09C; A11-C02;  
A12-S08;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0011 0203 0204 0224 0226 1277 1353 1357 1359 1365  
1367 1369 1373

1496 1517 2012 2020 2198 2208 2211 2212 2285 2286 2299 2301 2315  
2491 2493 2534

2600 2629 2679 2691 2692 2698

Multipunch Codes: 013 02& 05- 075 080 140 180 213 214 215 216 217  
218 219 220

221 228 231 249 274 305 308 309 311 314 331 341 359 400 44& 46&  
473 48- 489 539

541 546 551 567 613 618 674 681 723